

In the Specification:

Replace the paragraph beginning at page 3, line 21 with the following paragraph:

Applicant has found that the PS solution of this invention has increased ~~reduced~~ conductivity and reduced oxygen content than tap water and believes that this is the technical explanation of how applicant's PS solution functions to prevent rust.

Furthermore, the combination of higher ~~lower~~ conductivity and reduced oxygen content renders the PS solution less viable for microbiological growth. This feature of applicant's PS solution is responsible for eliminating rancidity in re-circulating water systems due to mold. Toxic biocides are often added to re-circulatory water systems to reduce and control microbiological growth. The elimination or reduction of biocides in re-circulatory water systems is an added enhancement of this invention. Furthermore, by substituting the PS solution for tap water in water-based products, such as paints, will also eliminate or reduce the addition of toxic biocides.

Replace the paragraph beginning at page 7, line 16 with the following paragraph:

Applicant has established that established through test that the PS solution of this invention has increased ~~reduced~~ conductivity and reduced oxygen content both relative to tap water. It is applicant's opinion that this is the technical explanation for the resulting rust prevention. This conclusion is based upon the following test result:

	<u>Tap Water</u>	<u>1.75% PS Water</u>
<u>Specific Conductivity</u>	344 umhos/cm	13,500 umhos/cm at 25% c
<u>Dissolved Oxygen</u>	9.3 mg/l	7.5 mg/l

Applicant is not aware of any published literature disclosing this increase ~~reduction~~ in conductivity and reduction in oxygen content at this concentration of PS.

Replace the Abstract paragraph beginning at page 15, line 2 with the following paragraph:

An aqueous solution that will prevent rust, corrosion and scale on metal surfaces that includes potassium sorbate, at percentages above 0.3%. This aqueous solution is effective at pH 4.5, however its optimum effectiveness as a rust preventive is at pH 6.0 and above. The solution

can be produced in a concentrated form and then diluted with tap or deionized water. The potassium sorbate solution has increased ~~reduced~~ conductivity and reduced oxygen content, both relative to tap water. This is believed to be the technical basis for its ability to prevent rust. Furthermore, the combination of ~~lower~~ higher conductivity and reduced oxygen content renders the potassium sorbate solution less viable for microbiological growth, which prevents the solution from becoming rancid when it is used in re-circulating water systems. This also permits the use of toxic biocides to be eliminated in re-circulatory water systems, which are often used to reduce and control microbiological growth. Also the solution can be substituted for tap water in water-based products, such as paints, which eliminates the need to plate the cans.
